

WHAT IS CLAIMED IS:

1 1. A system for secure HTML links, the system comprising:
 2 a protocol encryption tool operable to associate encrypted protocols with
 3 HTML links, each protocol associated with a restricted browser
 4 function;
 5 an editor operable to publish an HTML link and associated encrypted protocol
 6 in a web page;
 7 a browser operable to display the web page and HTML link, the browser
 8 having one or more restricted functions, each restricted function
 9 requiring at least selection of an HTML link and a function
 10 confirmation before the browser executes the function; and
 11 a protocol decryption engine interfaced with the browser, the protocol
 12 decryption engine operable to decrypt the encrypted protocol
 13 associated with the HTML link and authorize execution of the
 14 associated restricted browser function without the function
 15 confirmation.

1 2. The system of Claim 1 wherein the restricted browser function
 2 comprises a command to execute a binary.

1 3. The system of Claim 1 wherein the restricted browser function
 2 comprises a command to save a binary.

1 4. The system of Claim 1 wherein the restricted browser function
 2 comprises a command to execute a script.

1 5. The system of Claim 1 wherein the restricted browser function
 2 comprises a command to save a script.

1 6. The system of Claim 1 further comprising a protocol filter associated
 2 with the browser and operable to preprocess plural encrypted protocols upon retrieval
 3 of the web page by the browser.

1 7. The system of Claim 1 wherein the protocol encryption tool comprises
2 a private key for encryption of protocols.

1 8. The system of Claim 7 wherein the protocol decryption engine
2 comprises a public key.

1 9. A method for secure HTML links, the method comprising:
2 encrypting a protocol associated with a restricted browser function;
3 publishing the encrypted protocol in an HTML framework to associate with an
4 HTML link that executes the restricted browser function;
5 displaying the HTML framework through a browser, the browser restricting
6 execution of restricted functions by requiring a distinct confirmation
7 before execution of the restricted function;
8 decrypting the encrypted protocol at the browser; and
9 authorizing execution of the restricted function without the distinct
10 confirmation.

1 10. The method of Claim 9 wherein encrypting a protocol further
2 comprises encrypting the protocol with a private key.

1 11. The method of Claim 10 wherein decrypting the protocol further
2 comprises decrypting the protocol with a public key.

1 12. The method of Claim 11 wherein authorizing execution of the
2 restricted function further comprises authorizing execution of a binary by the browser.

1 13. The method of Claim 11 wherein authorizing execution of the
2 restricted function further comprises authorizing saving of a binary by the browser.

1 14. The method of Claim 11 wherein authorizing execution of the
2 restricted function further comprises authorizing execution of a script by the browser.

1 15. The method of Claim 11 wherein authorizing execution of the
2 restricted function further comprises authorizing saving of a script by the browser.

1 16. The method of Claim 11 further comprising preprocessing of plural
2 encrypted protocols substantially upon loading of the HTML framework to the
3 browser.

1 17. The method of Claim 11 wherein the distinct confirmation comprises a
2 window displayed upon user selection of an HTML link associated with a restricted
3 function, the window requiring at least one addition input by the user before execution
4 of the restricted function.

1 18. An information handling system comprising:
2 a browser operable to retrieve and display a HTML link associated with a
3 restricted function, the browser requiring a distinct confirmation of a
4 selection of the HTML link before execution of the restricted function;
5 an encrypted protocol associated with the HTML link;
6 a protocol decryption engine interfaced with the browser and operable to
7 override the distinct confirmation requirement upon decryption and
8 validation of the encrypted protocol.

1 19. The information handling system of Claim 18 wherein the browser is
2 further operable to retrieve a web page having plural encrypted protocols, the
3 information handling system further comprising a protocol filter interfaced with the
4 browser and operable to identify the plural encrypted protocols for decrypting by the
5 protocol decryption engine.

1 20. The information handling system of Claim 19 further comprising a
2 protocol database interfaced with the protocol decryption engine and having a table of
3 protocols and associated restricted functions.